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Serial No:

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IN THE CLAIMS

Please amend the claims as follows:

--5. (Amended) Method according to [any of claims] claim 1 [to 4], in which identical or different ligands are fixed simultaneously or successively on different conductive sites of the carrier by using several elements respectively dispensing identical or different ligands.

7. (Amended) Method according to [any of claims] claim 1 [to 4], in which at least two different ligands are successively fixed to different sites of the carrier using a single element and by changing at least once the ligand dispensed by this element.

8. (Amended) Method according to [any of claims] claim 1 [to 4], in which the conductive zones are formed of zones of conductive material arranged on an insulating carrier.

11. (Amended) Method according to [any of claims] claim 8 [to 10], in which the conductive material is chosen from the group made up of gold, silver, platinum, indium and tin oxide (ITO), carbon and conductive organic polymers.

13. (Amended) Method according to claim 1 [or 12], in which the electropolymerisable monomer is pyrrole.

14. (Amended) Method according to claim 1 [or 13], in [I] which fixing of the ligand is obtained by electro-copolymerisation of the monomer and of the ligand coupled to the monomer.

15. (Amended) Method according to [any of claims] claim 1 [to 14], in which the ligand is a nucleotide, an oligonucleotide, an amino acid or a peptide.--

IN THE ABSTRACT

Please replace the original abstract, page 27, in its entirety with the following:

--ABSTRACT OF THE DISCLOSURE

[The invention concerns a] A method for fabricating matrices of addressed ligands on a carrier. [According to this] In the method, an element is used such as a reservoir [(1)] filled with ligand and containing an electrode [(3)] to deposit and electrochemically fix the ligand to the conductive carrier [(7)]. The ligand may be an oligonucleotide or a peptide, and fixing may be obtained by electrocopolymerisation of this oligonucleotide or peptide carrying a pyrrole group at 5' with pyrrole.--

[Figure 1]